

S/N 10/553,476

PATENT ASSIGNEE(S): STATES
ExxonMobile Chemical Patents Inc., Houston, TX, UNITED
STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7119241	B2	20061010
APPLICATION INFO.:	US 2002-259686		20020927 (10)
DOCUMENT TYPE:	Utility		
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PRIMARY EXAMINER:	Caldarcia, Glenn		
ASSISTANT EXAMINER:	Bullock, In Suk		
NUMBER OF CLAIMS:	58		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1607		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a process for removing catalyst fines from an effluent stream in an oxygenate to olefin process. Specifically, the catalyst fines in the effluent stream are separated from the effluent stream. Then the carbonaceous deposits are removed from the catalyst fines by incineration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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SET ABBR ON PERM

SET PLURALS ON PERM

FILE 'USPATFULL, USPATOLD, USPAT2, CAPLUS, JAPIO' ENTERED AT 14:49:33 ON 14 DEC 2007

L1 316 SEA ABB=ON PLU=ON FLUID?(3A) REACTOR AND (SEPARATOR#(5A)
CENTRIFUGAL?)
L2 491457 SEA ABB=ON PLU=ON (OLEFIN? OR ETHYLENE OR ETHENE) (4A) (POLYMER
? OR COPOLYMER?)
L3 48 SEA ABB=ON PLU=ON L1 AND L2
D L3 1-48 IBIB ABS
D L3 24 IBIB HIT
L4 2896 SEA ABB=ON PLU=ON CONDENSED(3A) (MODE OR OPERAT?)
L5 18 SEA ABB=ON PLU=ON L1 AND L4
D L5 1-18 IBIB ABS

FILE HOME

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 Dec 2007 (20071213/PD)

FILE LAST UPDATED: 13 Dec 2007 (20071213/ED)

HIGHEST GRANTED PATENT NUMBER: US7308718

HIGHEST APPLICATION PUBLICATION NUMBER: US2007289043

CA INDEXING IS CURRENT THROUGH 13 Dec 2007 (20071213/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 Dec 2007 (20071213/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2007

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2007

FILE USPATOLD

FILE COVERS U.S. PATENTS 1790-1975

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FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 13 Dec 2007 (20071213/PD)
FILE LAST UPDATED: 13 Dec 2007 (20071213/ED)
HIGHEST GRANTED PATENT NUMBER: US2007271888
HIGHEST APPLICATION PUBLICATION NUMBER: US2007289036
CA INDEXING IS CURRENT THROUGH 13 Dec 2007 (20071213/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 Dec 2007 (20071213/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2007
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FILE CAPLUS

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FILE JAPIO

FILE LAST UPDATED: 29 OCT 2007 <20071029/UP>
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>>> GRAPHIC IMAGES AVAILABLE <<<

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

202.15

202.36

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